**Homework 43H** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **CPCTC** Period:\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Failure to show all work and write in complete sentences will result in LaSalle!**

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| 1. Given: The diagram given   Prove:  *ABD* ≅ *CBD* |  |

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| 1. *Given: Diagram given*   Prove: UV ≅*WX* |  |

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| 1. Given: Diagram below   Prove: ∠*ADB* ≅∠*CBD* |  |

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| Given: **YX** ≅WX,  bisects *YXW.*  *ZX*  **PROVE: *YZ*** ≅ WZ |  |

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| 1. Tell which triangles you can show are congruent in order to prove the statement. What postulate or theorem would you use?   H ≅ J | 1. Tell which triangles you can show are congruent in order to prove the statement. What postulate or theorem would you use?   QU ≅PS |
| 1. Tell which triangles you can show are congruent in order to prove the statement. What postulate or theorem would you use?   A ≅ D | 1. Given: Diagram given   Prove: RZ ≅YU |